The Castle Bookcase is not only great for storage but also serves as a creative play center for kids of all ages. It features four shelves, a functional drawbridge, battlements, and windows. The entire thing is made from two sheets of plywood and is constructed using glue and screws.

This is also the project for the Woodworkers Fighting Cancer fundraiser for 2016. Learn more at WoodworkersFightingCancer.com!
### Cut List

<table>
<thead>
<tr>
<th>Section</th>
<th>Part ID</th>
<th>Part Description</th>
<th>Material</th>
<th>QTY</th>
<th>Width</th>
<th>Length</th>
<th>Thickness</th>
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</thead>
<tbody>
<tr>
<td>Castle</td>
<td>A</td>
<td>Side</td>
<td>3/4&quot; Plywood</td>
<td>2</td>
<td>12&quot;</td>
<td>40&quot;</td>
<td>3/4&quot;</td>
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<tr>
<td></td>
<td>B</td>
<td>Battlement</td>
<td>3/4&quot; Plywood</td>
<td>2</td>
<td>12&quot;</td>
<td>3&quot;</td>
<td>3/4&quot;</td>
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<tr>
<td></td>
<td>C</td>
<td>Dividers</td>
<td>3/4&quot; Plywood</td>
<td>4</td>
<td>11 3/4&quot;</td>
<td>10 1/4&quot;</td>
<td>3/4&quot;</td>
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<tr>
<td></td>
<td>E</td>
<td>Skirt Board</td>
<td>3/4&quot; Plywood</td>
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<td>2&quot;</td>
<td>34 1/2&quot;</td>
<td>3/4&quot;</td>
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<td></td>
<td>F</td>
<td>Drawbridge</td>
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<td>8 7/8&quot;</td>
<td>10 1/8&quot;</td>
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<tr>
<td></td>
<td>G</td>
<td>Back</td>
<td>1/4&quot; Plywood</td>
<td>1</td>
<td>35 1/4&quot;</td>
<td>40&quot;</td>
<td>1/4&quot;</td>
</tr>
</tbody>
</table>

**Materials Needed:**
- 1 Sheet 3/4" Plywood
- 1/2 Sheet 1/4" Plywood
- 1 each 1/4" Dowel
- 1 box of wood screws 1 1/2" Long
Exploded View

G - Back

B - Battlements

A - Side

D - Shelves

C - Dividers

E - Skirt Board

F - Drawbridge
Side View

Dados for shelves are 1/8" deep 3/4" wide

Dado for back panel is 1/4" wide by 3/8" Deep
Battlement Detail

[Diagram showing battlement dimensions: 3" (height), 11/2" (depth), 12" (overall length), 2 1/4", 2 5/8", and 2 1/4" as measured intervals.]
Divider Detail

- Height: 10 1/4"
- Width: 11 3/4"
- Arch height: 4"
- Arch width: 2"
- Top width: 5 3/4"
- Top height: 2"
- Side: 4"
Drawbridge Detail

C - Divider Left of Drawbridge

1/4" DIA hole 3/8" Deep
Located 3/8" on Center from bottom edge 3/8"
on Center from front edge

10 1/4"

5/8" On Center

8 7/8"

Through hole same location as left side

1 3/4"

3/8" On Center

1/4" DIA through hole

10 1/8"

1 3/4"
Back, Shelf, & Skirt Detail

D - Shelves

11 3/4"

34 3/4"

G - Back

35 1/4"

40"

E - Skirt Board

2"

34 1/2"
Divider Layout

![Divider Layout Diagram](divider_layout_diagram.png)
3/4" Plywood Cut Diagram